

Stormwater Protection: It's Your Business



Masonry / Cement Mixing
and Cutting Industry



Discharger Responsibilities

* 2 Main Points

1. Ensure that activity related pollutants are properly managed
2. Implement Best Management Practices which:
 - ➔ Prevent Non-Stormwater Discharges
 - ➔ Reduce Contaminants in Stormwater Discharges

Definition

- * **Best Management Practices** – Techniques or controls used to prevent or reduce the discharge of pollutants into stormwater, receiving waters, or the stormwater conveyance system (storm drain system)

Best Management Practices

- * **Training (Non-Structural)**
 - ✓ Train all employees on stormwater BMPs and pollution prevention
 - ✓ Teach employees how to control, contain and clean up spills
 - ✓ Document the stormwater training

Best Management Practices

* Training (Non-Structural)

- ✓ Train employees to report any spill that cannot be completely contained prior to entering the storm drain system to the Regional Stormwater Hotline:

(888) 846-0800

- ✓ If the spill involves hazardous material call Department of Environmental Health, Hazardous Material Division at: **(619) 338-2484**

Best Management Practices

* Scheduling / Planning (Non-Structural)

- ✓ Examples may include:
 - Consider weather conditions
 - Prepare what you need for the job
 - Plan for solid and liquid waste disposal
 - Consult the local jurisdiction for stormwater requirements

Best Management Practices

* Source control BMPs (Structural)

- ☑ Stopping potential pollutants at the point of origin from contact with stormwater.

Examples include:

- Preventive maintenance
- Proper storage of materials

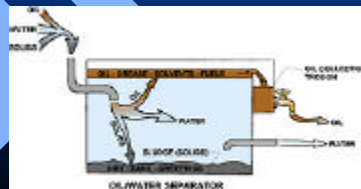
Best Management Practices

* Treatment control BMPs (Structural)

- ☑ Removes pollutants from runoff before it reaches the storm drain system.
(For consideration at headquarters)

Examples include:

- Storm drain filters
- Oil / Water separator



Best Management Practices

* Disposal (Structural)

- ✓ Proper containment and discharge of wastewater.*

Examples may include:

- Disposal to sewer
- Infiltration to ground
- Recycling

* Check with the local jurisdiction

Best Management Practices

- ✓ Apply to Both Facilities and Activities
(i.e. Your Headquarters / Maintenance
Facilities and **All** Field Activities)



Best Management Practices

Common BMPs to all Industry Groups

- ✓ Cover and protect storm drain inlets
- ✓ Clean work areas using dry methods
- ✓ Wet Cleaning – Only with BMPs for control and containment



Best Management Practices

Common BMPs to all Industry Groups

- ✓ Store materials and equipment securely in the vehicle
- ✓ Before you start a job, determine how liquid and solid wastes will be properly disposed
- ✓ Maintain spill clean up kits in vehicles
- ✓ Ensure spill kit is appropriate for material used in your activities

Best Management Practices

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- * Mortar, Dust, and Aggregate
 - ✓ Sweep streets, gutters, alleys, and sidewalks rather than hosing
 - ✓ Reuse and recycle materials if possible
 - ✓ Collect and properly dispose of waste



Best Management Practices

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- * Slurries
 - ✓ Do not dispose of excess slurry to the storm drain system
 - ✓ Divert slurry to a collection area or washout area
 - ✓ Vacuum cutting liquid
 - ✓ Allow slurry to dry and dispose of properly



Best Management Practices

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* Rinsate

- ✓ Confine cleaning of application and mixing equipment to a designated area where rinse water is controlled
- ✓ Rinsate cannot be discharged to the storm drain system or receiving water
- ✓ Reuse and recycle



Best Management Practices

Masonry / Cement Mixing and Cutting

* Signage

- ✓ Informs operators to use proper facilities
- ✓ Place next to temporary concrete washout facilities



Best Management Practices

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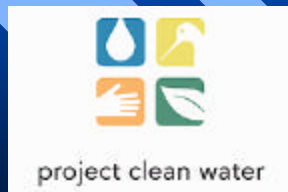
* Stock Piles

- ☑ Keep clear of drainage systems
- ☑ Keep materials covered and off the ground
- ☑ Cover and berm prior to rain
- ☑ Stock piles may include waste and new materials



San Diego Regional Stormwater Hotline:

(888) 846-0800



www.projectcleanwater.org